

# Mast Boom Lifts

	<b>Toucan 861</b>	<b>Toucan 1100</b>
Working Height	8.72 m	11.00 m
Platform Height	6.72 m	9.00 m
Horizontal Outreach - Standard Platform	3.14 m	3.30 m
Horizontal Outreach - Aluminium Platform	3.46 m	3.60 m
Up and Over Height	6.66 m	8.85 m
Swing	2 x 90°	2 x 90°
Platform Capacity	220 kg <sup>1</sup>	200 kg <sup>1</sup>
Jib – Overall Length	1.48 m	1.49 m
Jib – Range of articulation	-62° +66°	-75° +72°
A. Platform Size (L x W) Standard Platform	0.90 m x 0.70 m	0.90 m x 0.70 m
Platform Size (L x W) Aluminium Platform	0.90 m x 1.01 m	0.90 m x 1.01 m
B. Overall Width	0.99 m	0.99 m
C. Tailswing	10 cm	28 cm
D. Stowed Height	1.99 m	2.19 m
E. Overall Length Standard platform	2.68 m	2.68 m
Overall Length Aluminium platform	2.99 m	3.08 m
F. Wheelbase	1.20 m	1.16 m
G. Ground Clearance	8 cm	8 cm
Gross Weight – Standard Platform *	2,980 kg	3,515 kg
Gross Weight – Aluminium Platform *	2,980 kg	3,500 kg
Maximum Ground Bearing Pressure	16.8 kg/cm <sup>2</sup>	19.3 kg/cm <sup>2</sup>
Drive Speed - Lowered	3.50 km/h	3.10 km/h
Drive Speed - Elevated	0.65 km/h	0.65 km/h
Turning Radius (outside)	2.40 m	2.35 m
Turning Radius (inside)	1.02 m	1.14 m
Gradeability	15%	10%
Distance from Platform to Wall (Standard Platform) – Over Front	0.00 m	0.00 m
Distance from Platform to Wall (Standard Platform) – Over Sides	0.00 m	0.00 m
Tyres (solid)	4.00 x 8	16 x 5 x 10.5
Electrical system	24V DC	24V DC
Batteries	12 x 2V - 270 A/hr	12 x 2V - 620 A/hr
Charger	24V – 30A	24V – 70A
Drive motors	2 Hydraulic motors	2 Hydraulic motors
Brakes	Disc	Cylinders
Electrical motor	3 kW 24V DC	3 kW 24V DC
Hydraulic pump	5.5 cc/rev	5.5 cc/rev
Hydraulic reservoir	20 L	15 L

